

Copyright © 1994 by Dr. Christian Host, All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without permission in writing from the author.

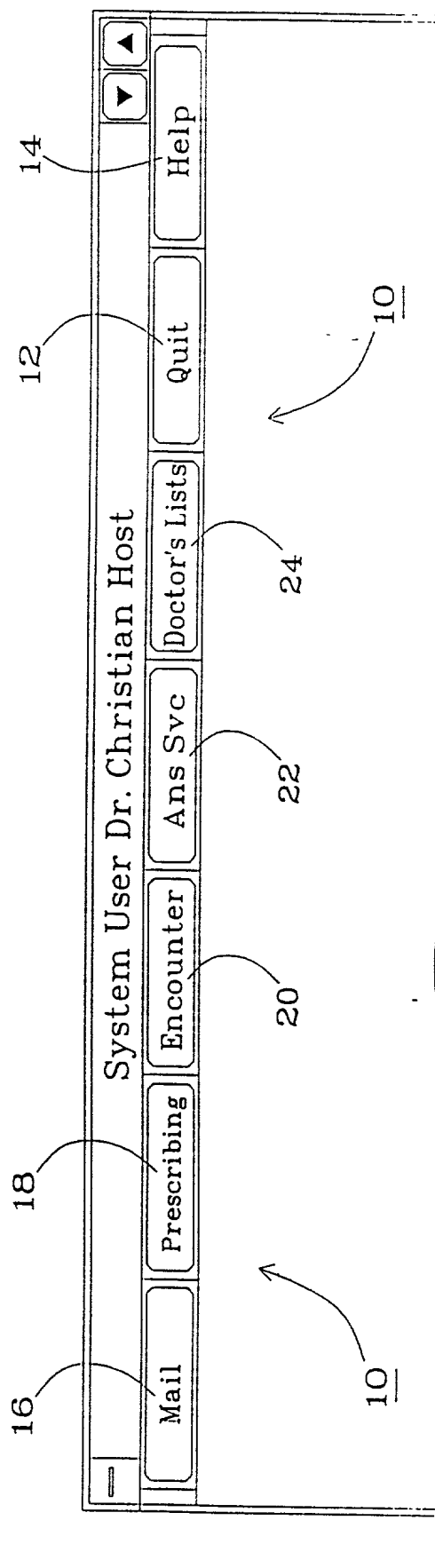


FIGURE 1



Figure 1 is a schematic diagram of a medical record system interface. The interface is divided into several sections, each with a label and a corresponding number:

- 39**: Main Menu/Navigation Area. Contains buttons for "Select Patient", "Rx History", "Condition", "New Rx", and "otitis Media".
- 40**: Patient Information Section. Contains "Mary Harrington" and "Allergies" (Penicillin).
- 42**: Rx Management Section. Contains "Rx Options", "Updating", "Rx Info", "Dosing", "Expiry", and "Renew Rx".
- 43**: Prescriptions Section. Contains "PROBLEMS" (Pharyngitis, Bronchitis) and "Rx Info".
- 44**: Medication Details Section. Contains "Drug", "Form", "Size", "Route", "Amt", "Refill", "Dosing", and "Expiry".

The interface also includes a "Send Rx" button and a "Close" button. The diagram is labeled with various numbers (39, 40, 42, 43, 44, 50, 51, 52, 53, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 102) indicating specific components and their relationships.

FIGURE 3

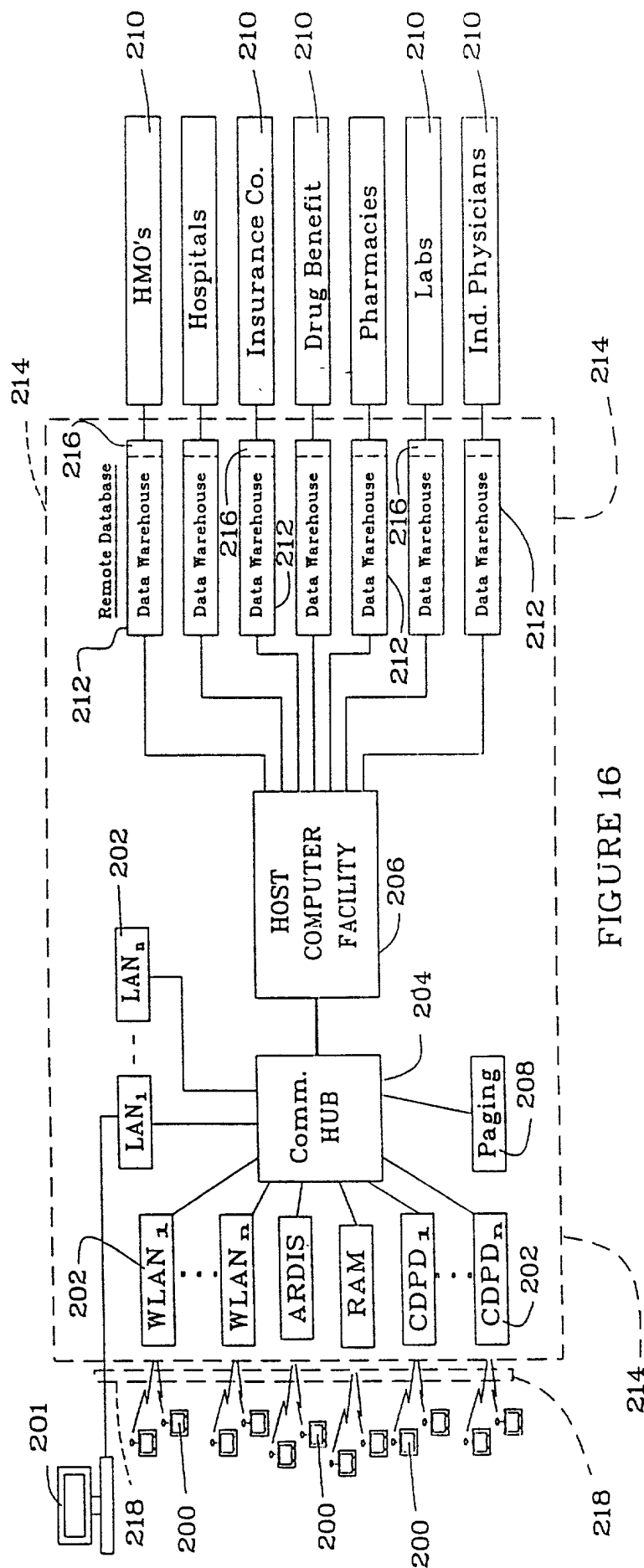


FIGURE 16

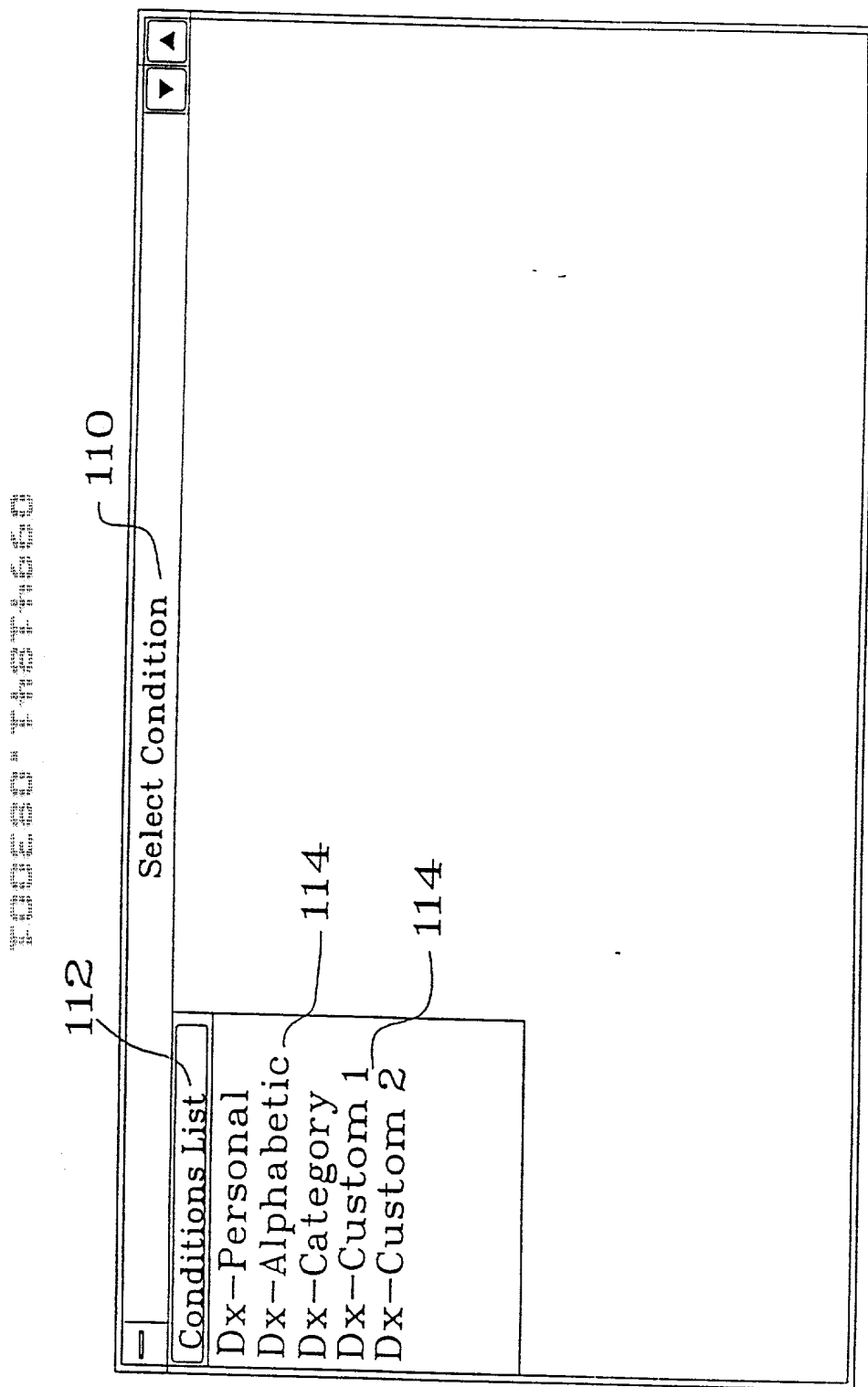


FIGURE 4

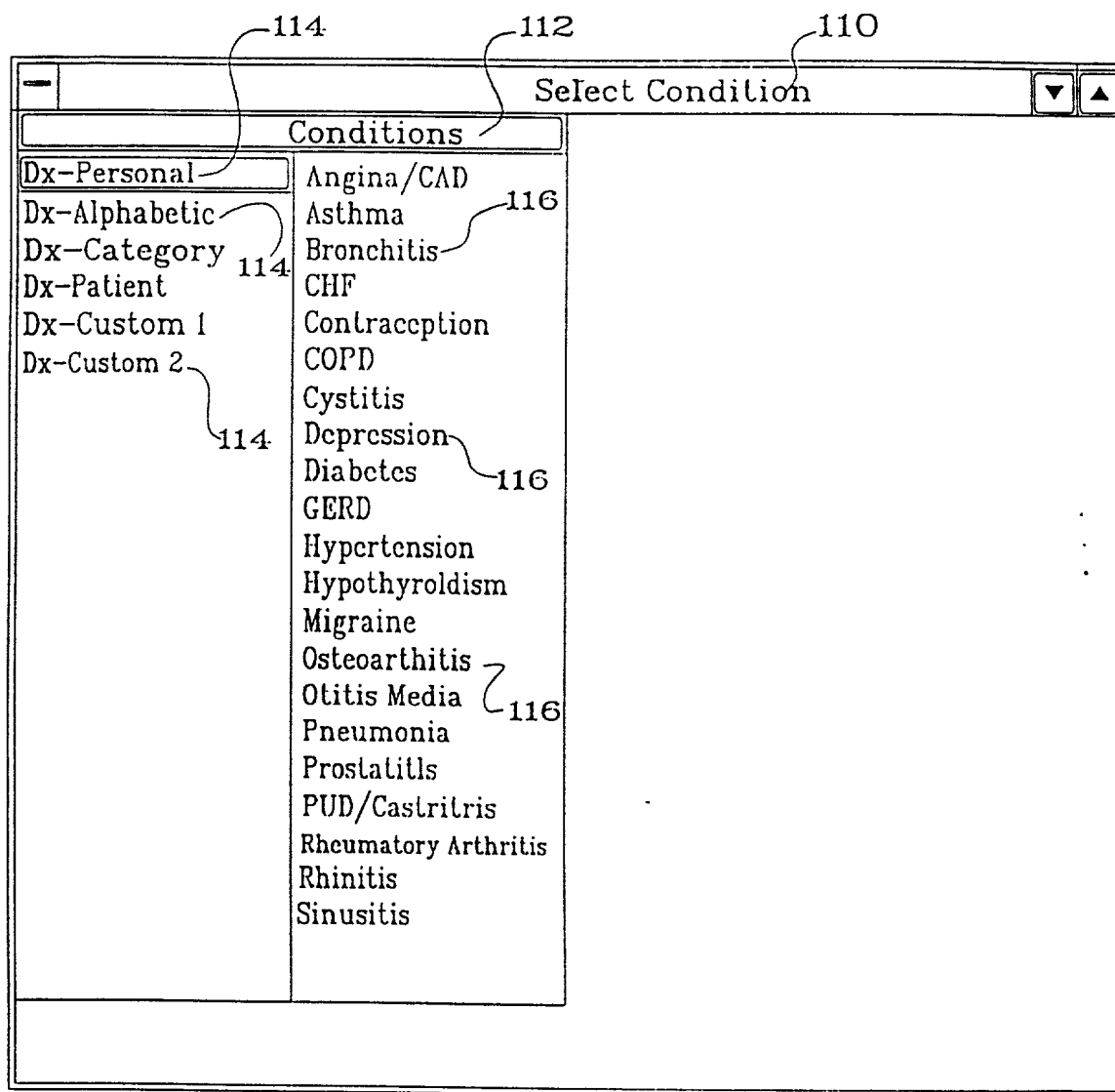


FIGURE 5

114 112 110 120

Select Drug		
Conditions	Formulary Drugs	
Dx-Personal	Cimetidine	118
Dx-Alphabetic	Ranitidine	118
Dx-Category	Antacid	118
Dx-Patient	Other	
Dx-Custom 1		
Dx-Custom 2		
Angina/CAD		
Asthma		
Bronchitis		
CHF		
Contraception		
COPD		
Cyetitis		
Depression		
Diabetes		
GERD		
Hypertension		
Hypothyroidism		
Migraine		
Osteoarthritis		
Otitis Media		
Pneumonia		
Prostatitis		
<b>PUD/Gastritis</b>		
Rheumatoid Arthritis		
Rhinitis		
Sinusitis		

FIGURE 6

114 112 110 124 122  
 Dx-Personal  
 Dx-Alphaabetic  
 Dx-Category  
 Dx-Patient  
 Dx-Custom 1  
 Dx-Custom 2

114		112		110		124	
		Select Drug					
Conditions		Formulary Drugs		Nonformulary Drugs			
Dx-Personal	Angina/CAD	Cimetidine	Famotidine				
Dx-Alphaabetic	Asthma	Ranitidine	Nizatidine				
Dx-Category	Bronchitis	Antacid	Omeprazole				
Dx-Patient	CHF	Other	Sucralfate				
Dx-Custom 1	Contraception						
Dx-Custom 2	COPD						
	Cytitis						
	Depression						
	Diabetes						
	GERD						
	Hypertension						
	Hypothyroidism						
	Migraine						
	Osteoarthritis						
	Otitis Media						
	Pneumonia						
	Prostatitis						
	PUD/Gastritis						
	Rheumatoid Arthritis						
	Rhinitis						
	Sinusitis						

FIGURE 7



Select Drugs				
	Body system	Conditions	Drug Category	Drug
114	Dx by Body System	Cancer ~ 116	analgesics ~ 119	Advil Pediatric
114	Dx by Alpha	Gout	narcotics	Anaprox ~ 121
115	Rx by Therapeutic Class	Infections ~ 116	NSAIDS	Anaprox DS
115	Rx by Alpha	Muscle spasm	salicylates ~ 119	Butazolidin
		Neuro-muscular disease		Butazone
		Osteoarthritis		Children's Advil
		Osteoporosis/dystrophy		Children's Motrin
		Pain		Clinoril
		Rheumatoid arthritis		Diclofenac Potassium
				Diclofenac Sodium
				Feldene
				Fenofen
				Fenoprofen Calcium
				Flurbiprofen
				Indocin
				Indocin SR ~ 121
				Indomethacin ~ 121
				Indomethacin Sodium
				Indomethacin SR
				Ketoprofen
				Ketorolac Tromethan
				Mecloidium
				Meclofenamate Sodium
				Meclofen
				Mefenamic Acid
				Motrin
				Nalfon

FIGURE 8



115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

Select Conditions-Drug Specified			
Drug List	Drug	Personal	Other
115 Rx Personal	Achromycin		Acne
115 Rx-Alphabetic	Achromycin V		ADD
Rx-Category	Amdinocillin		Alcohol Abuse
Rx-Custom 1	Amoxicillin		Anemia 116
Rx-Custom 2	Amoxil 121		Angina
	Ampicillin		Anti-toxin/venom
	Ampicillin Sodium		Anxiety disorders
	Ampicillin w/Proben		Arrhythmia 116
	Augmentin 121		Asthma
	Azithromycin		Bacterial
	Azlocillin Sodium		Bladder disorder
	Bactrim		BPH
	Bactrim DS		Bronchitis
	Beepen - VK		Cancer
	Betapen -VK		CHF
	Biaxin 121		Chloamphenicol 116
	Ceclo- 121		Cholelithiasis
	Cefaclor		Cirrhosis/Hepatitis
	Cefadroxil	116	Clotting disorders
	Cefanex		Constipation
121 Cefixime	Cefibid	Otitis Media 116	Contraception
	Cefotan	Tonsillitis	Convulsive disorders
	Cefprozil	Urinary Tract Infection	COPD
	Ceftin 121		Dementia
	Cefzil	116	Depression 116
	Cephalexin		Dermatitis, Eczema, se
	Cephalothin Sodium		Diabetes/ Diabetes ins
			Diarrhea

FIGURE 10

Amox  
Cefix  
Tx Gu  
Confirm  
Cancel

Not a First Line Drug

Cefixime is not the best first line agent available for Otitis Media.  
Consider instead:

Amoxicillin

Trimethoprim/Sulfa

Confirm:

Tx Guidelines

Cefixime

Cancel

FIGURE 11

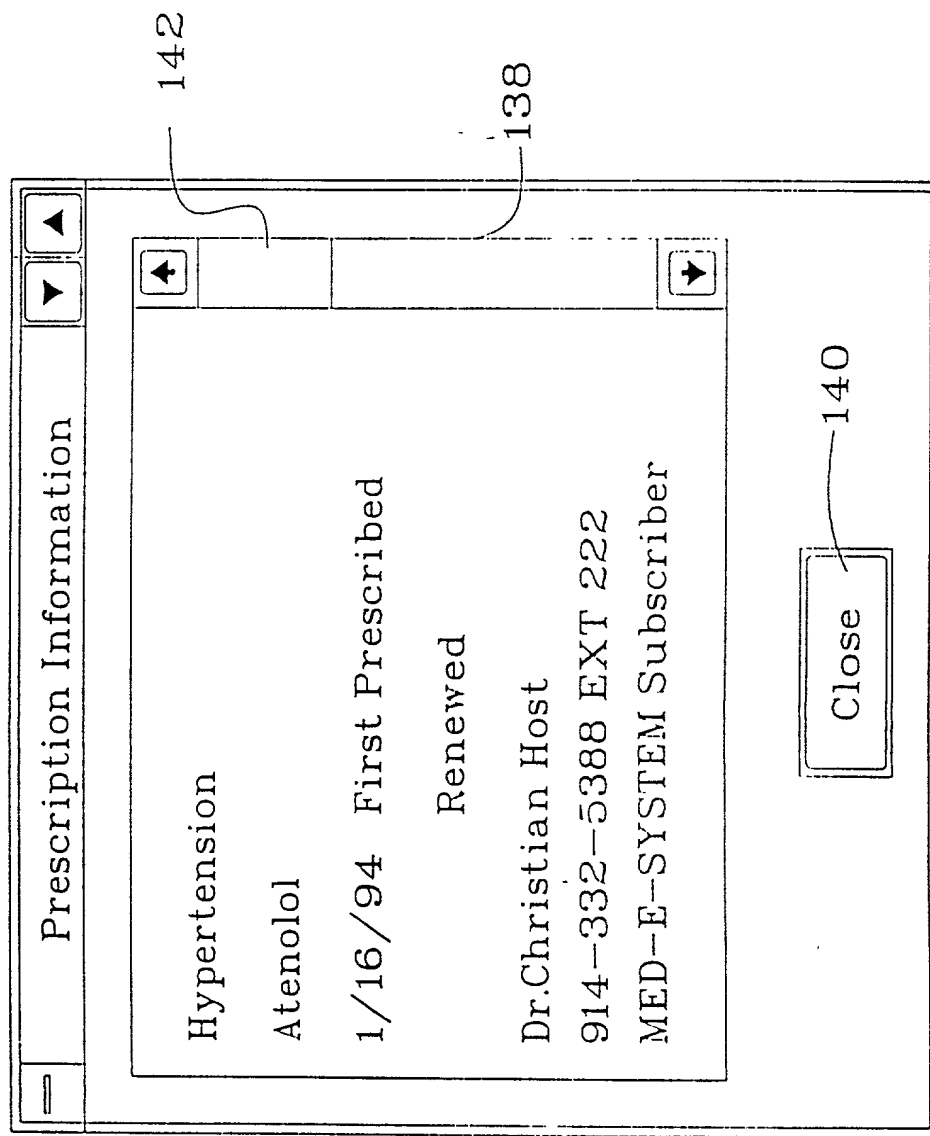


FIGURE 12

When the user selects a problem record, the system displays the problem record in the problem record list. The user can then select a problem record to view the details of the problem record.

144

146

148

150

152

154

142

156

162

158

160

Problem Record				
New	Problem	Act	Diagn.Physician	Date
	Bronchitis	Y	Dr. Host	02-09-94
		N	Dr. Host	02-03-94
	Hypertension	Y	Dr. Host	02-14-94
	Hypothyroidism	Y	Dr. Host	02-14-94
Y	Depression	Y	Dr. Host	03-21-94

Choose Status

Add

Ok

Cancel

FIGURE 13

Copyright 1994 by Health Systems Research, Inc. All rights reserved. This software is the property of Health Systems Research, Inc. and is not to be distributed, copied, or used in any manner without the written permission of Health Systems Research, Inc.

168

142 142

Maintain Doctor's Lists 180

170

166

172

174

176

178

142

142

List Type

Rx Personal

Dx Personal

Allergies

Problem List

Angina/CAD

Asthma

Bronchitis

CHF

Contraception

COPD

Cytitis

Depression

Diabetes

GERD

Hypertension

Hypothyroidism

Migraine

Osteoarthritis

Otitis Media

Pneumonia

Prostatitis

PUD/Gastritis

Rheumatoid Arthritis

Rhinitis

Sinusitis

Problems

Angina/CAD

Asthma

Bronchitis

CHF

Constipation

Contraception

COPD

Cytitis

Depression

Diabetes

Diarrhea

Fever

GERD

Gout

Hypercholesterolemia

Hypertension

Hypothyroidism

Migraine

Musculoskeletal Pain

Save







Exit

FIGURE 14

SCHEDULED DOSAGE DRUG PACK

**MONDAY**      January 2  
1995

PK: MARY HARRINGTON  
MD: Dr. Christian Host

	188	188	188	188
	DRUG NAME	DRUG NAME	DRUG NAME	DRUG NAME
	Special Instructions			
8 A.M.		• •		
12 NOON				
4 P.M.		• •		

188

FIGURE 15



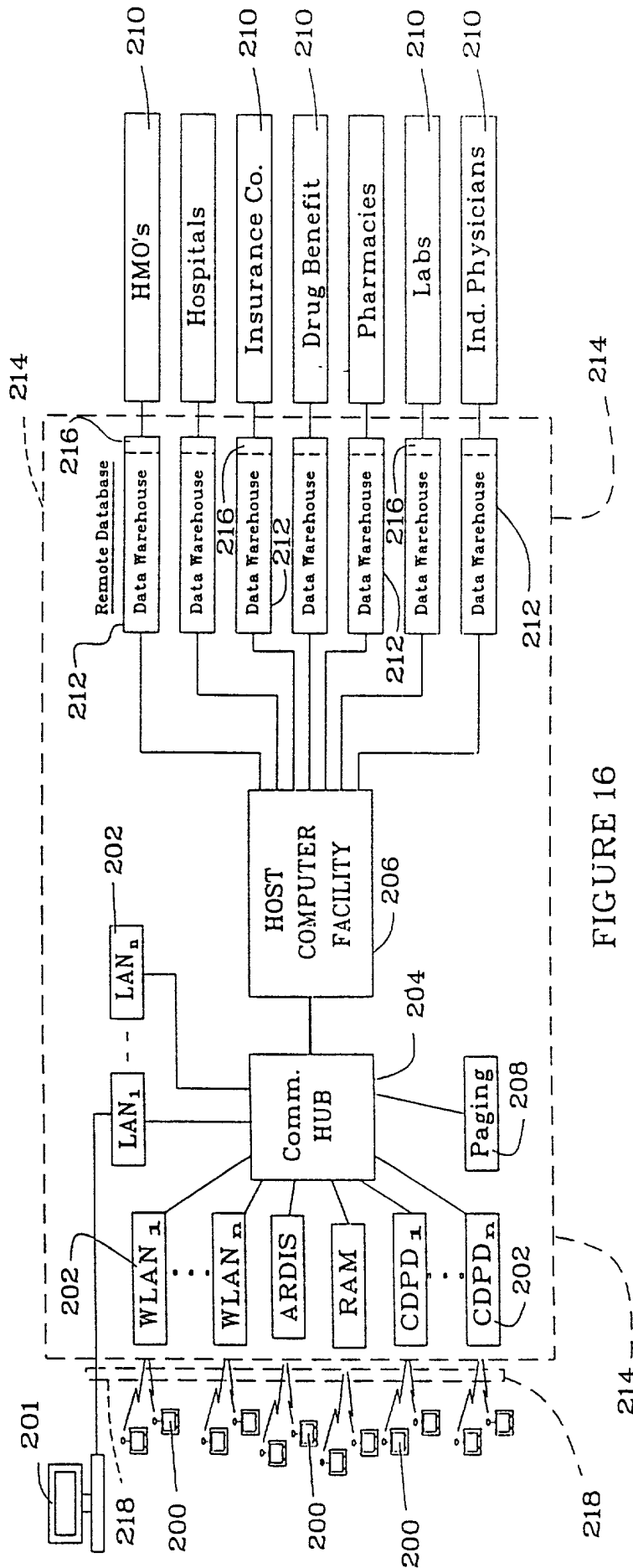


FIGURE 16